Hall Navigation Channel Condition Status Report - Novemebr 04, 2020 **US Army Corps** of Engineers <u>Marker</u> <u>Mississippi</u> River Mile **Illinois River** Lock and Dam 22 ► L&D 22 301 80 TW Current = 6.2 ft. TW 1 Wk Forecast = 5.7 ft. 77 - 76 TW 2 Wk Forecast = 5.4 ft. **75.4 74.5** <u>IL MILE 7.0 - BREAK</u> WALL REPAIR Lock and Dam 24 TW Current = 16.2 ft. Continuing until **►**L&D 24 TW 1 Wk Forecast = 15.7 ft. November 10, 2020, TW 2 Wk Forecast = 15.4 ft. <u>59</u> break wall repair is being conducted in 269.8 - 268.8 RM 273.4 & 241.4 LOCKAGE & CREW CHANGE the vicinity of Mile 7.0, SPECIAL REQUIREMENTS (COVID-19) 55.5 Grafton Harbor. Please see the below link for PN_20-02 regarding Mariners are urged to **53.8** COVID-19 restrictions at the lock and dams. LINK transit the area at their slowest safe speed to minimize their wake Lock and Dam 25 and proceed with **35.5** TW Current = 15.8 ft. caution. Mariners may ► L&D 25 241.5 TW 1 Wk Forecast = 15.3 ft. contact Grafton TW 2 Wk Forecast = 15.0 ft. Harbor at (618) 786-7678, for additional Mel Price Locks and Dam information. TW Current = 5.3 ft. TW 1 Wk Forecast = 4.7 ft. TW 2 Wk Forecast = 4.3 ft. Grafton Illinois R. RM 200.5 - MEL PRICE L/D CLOSURE & **RM 194.0 - DREDGE OPERATION** Continuing until further notice, the USACE vessel RESTRICTION Continuing until 11-22-2020, the Mel Price L/D M/V Grand Tower is conducting dredging operations → Mel Price 201 in the vicinity of Mile 194.0, Upper Chain of Rocks (auxiliary chamber) in the vicinity of Mile 200.5, is canal Entrance. Work will be be conducted from 6 closed to navigation for repair. The main chamber is am to 6 pm, each day. The M/V Grand Tower will monitor VHF-FM Ch. 13 and requests a 30-min available to pass traffic, during this closure. In addition, the bullnose protection armor for the lower > 194 Upper R. Missouri R. advance notice of passage. No channel closures are long wall of the Mel Price L/D (Main Chamber) is 184.2 Lower R. expected with this operation. Mariners are urged to experiencing deterioration. Continuing until further transit the area at their slowest safe speed and notice, all tows transiting the main lock are requested 184 Locks 27 to stay off the lower long wall bullnose. Mariners proceed with caution, after passing arrangements should be alert for and abide by any special have been made. instructions from the lockmaster. → St. Louis → 180 **RM 183.2- CHANNEL CONDITION** The Old Mississippi River Channel at RM 183.5 (not Δ St. Louis in the Chain of Rocks Canal) is experiencing Gage = 4.7 ftshoaling. Mariners that traverse the area are advised Stage 1 Wk Forecast = 3.6 ft. 171 173.0 to exercise caution and favor the RDB. See the Stage 2 Wk Forecast = 3.0 ft. latest survey here. **RM 179.2 - BRIDGE MAINTENANCE RM 183.2 - BRIDGE CONSTRUCTION** Douglas MacArthur Bridge; Two suspended platforms Merchants Railroad Bridge: Work barges continue are located in the center navigation span. Each excavating around both left and right descending platform measures 9 feet wide and hang 5 feet below navigation piers and the right descending pier of the low steel. One platform is located 60 feet center span. Work barges should not encroach more channelward of the right descending pier and the than 50 ft into the navigation channel at any time. other platform is located 120 feet channelward of the For work barge locations, mariners are encouraged Kaskaskia R. to contact the onsite work boat M/V KATHERINE left descending pier. There are also 3 platforms located at various locations in the Illinois span. OHARA via VHF-FM Ch 6 or 16 or by phone at 217 Mariners are urged to transit the bridge with caution. Chester 110 248-9077. RM 176.9 - DREDGE OPERATION Chester 102 - 103 Continuing until 11-06-20 the Dredge Potter will Gage = 8.9 ft.Stage 1 Wk Forecast = 6.9 ft. conduct dredging operations in the vicinity of Mile 176.9. Work will be be conducted 24-hours a day, 7 Stage 2 Wk Forecast = 6.0 ft. days a week. A pontoon dredge pipeline may be <u>80</u> utilized and crossing the navigation channel. The Dredge POTTER will monitor VHF-FM Ch. 13 or 16. Mariners are urged to transit the area at their slowest safe speed and proceed with caution, after passing arrangements have been made. Cape Girardeau Gage = 15.8 ft. Stage 1 Wk Forecast = 13.6 ft. RM 51.8 - SUNK BARGE Stage 2 Wk Forecast = 12.7 ft. Salvage operations on the sunken barge in the **58.5** vicinity of Mile 51.8 have started. The work will be Cape G.-52 performed behind the red buoys that were placed **SEMO Port** previously. The COTP Ohio Valley has established a Safety Zone limiting transit of the area to one way RM 7.5 - NAVIGATION OBSTRUCTION 46.9 traffic, slowest safe speed and avoid meeting/over-A shoal has been reported in the vicinity of Mile 7.5, I <u>41 & 42.3</u> taking to facilitate salvage operations Mariners may 57 Bridge (LLNR-17635), in the alternate channel. contact USCG Paducah at (270) 442-1621 for Mariners are advised to utilize the main channel span additional info. Mariners are urged to exercise caution and transit the area with caution. Mariners are advised that the green lights marking the alternate span, have been permanently extinguished. Mariners are advised **RM 33.0 - CONSTRUCTION ACTIVITIES** to use the main channel span until further notice. A USACE contractor will be working along the left descending bankline, out of the navigation channel Cairo <u>15.4</u> entering through the Len Small bankline breach in the vicinity of RM 33.0. Gage = 27.8 ft.Cairo Ohio R. Stage 1 Wk Forecast = 17.5 ft. Stage 2 Wk Forecast = 14.2 ft. Key: Probable Dredge Areas \oplus **Current Construction Location** Problematic Dredge River Mile Dredge ETA Dredge • **Anticipated Dredging Locations** Complete On: Groundings 14-Nov ☆ \supset Mechanical 194.0 December 11-Sep Mechanical Δ Dredge Potter \bigcirc 176.9 COE Fleet December 3-Nov 6-Nov Potter Dredge Bill Dredge Goetz 10-Nov ∇ 7-Nov 80 December Potter Holman Very Likely to be Problematic at Low Water 18-Nov 15.4 December 11-Nov Potter 22-Nov 28.6 December 19-Nov Potter

41.0

42.3

46.9

December

December

December

Problem Resolved/Not Problematic

Please email comments or suggestions to

dawn.lamm@usace.army.mil

23-Nov

26-Nov

1-Dec

25-Nov

30-Nov

5-Dec

Potter

Potter

Potter

Dredge Status:

Dredge Potter: Currently at 176.9 COE

Grand Tower Mechanical Dredge:Working at RM 194 in the Chain of Rocks

Channel Marker Status:

Be aware that there may be other buoys off station/missing than the ones mentioned in this report. Mariners should use caution.

For ATON or Buoy issues please contact SUMRWaterways@uscg.mil or 319-520-8556.

Pathfinder: The Pathfinder will conduct a lower channel patrol next week.

Additional Risks / Concerns

CONTROLLING DEPTH OPEN RIVER
St. Louis - Herculaneum (RM 185-152)
Mile 167, Cliff Cave Landing
LWRP 9, or 9 ft at St. Louis gage is -3.2

Herculaneum-Grand Tower (RM 152-80) Mile 145.5, Michaels Towhead, LWRP 8.0, 9-ft at Chester gage is 0.6

Grand Tower - Cairo (RM 80 - 0) Mile 15.4, Scudders, LWRP 6.7, 9-ft at Cape Girardeau gage is 7.7

Navigation Notices

Local Notice to Mariners

Weather

Highs from the low 60s to the mid 70s, lows from the low 40s to the high 50s. Chance of rain/thunderstorms Tuesday.

St. Louis, MO

Cape Girardeau, MO

Cairo, IL

Web Information

For additional River Training Structure information, see the links below:

Current Construction

Recently Completed Construction

For open Regulatory Public Notices, See the link below:

Regulatory Public Notices

For the most recent channel patrol and pre or post dredge surveys, see the links below:

Channel Patrol Surveys

Dredge Surveys

Electronic Navigation charts for the Upper Mississippi River are available online for download or to order at the below link:

Electronic Charts

More Status Reports

Click for older status reports